

Kokusho

10/526,851

11/14/2006

L8 ANSWER 66 OF 69 CAPLUS COPYRIGHT 2006 ACS on STN
 ACCESSION NUMBER: 1985:77260 CAPLUS <<LOGINID::20061114>>
 DOCUMENT NUMBER: 102:77260
 TITLE: Primary or secondary alcohol derivatives of phospholipids produced by the enzymic technique
 INVENTOR(S): Kokusho, Yoshitaka; Kato, Shigeaki; Machida, Haruo
 PATENT ASSIGNEE(S): Meito Sangyo Co., Ltd., Japan
 SOURCE: Eur. Pat. Appl., 80 pp.
 CODEN: EPXXDW
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
EP 122151	A2	19841017	EP 1984-302444	19840410
EP 122151	A3	19860326		
EP 122151	B1	19890215		
R: CH, DE, FR, GB, IT, LI, NL				
JP 59187786	A2	19841024	JP 1983-63305	19830411
JP 02008716	B4	19900226		
JP 60041494	A2	19850305	JP 1983-63304	19830411
JP 02007633	B4	19900220		
US 4783402	A	19881108	US 1984-598697	19840410
PRIORITY APPLN. INFO.:			JP 1983-63304	A 19830411
			JP 1983-63305	A 19830411

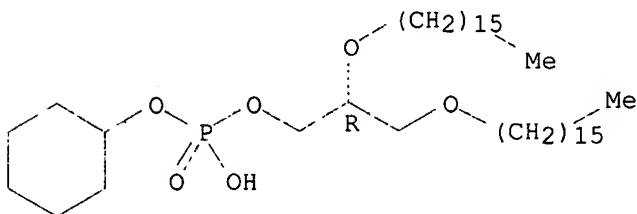
OTHER SOURCE(S): MARPAT 102:77260

AB Primary and secondary alc. derivs. of phospholipids are produced by reacting the alc. with a lecithin, catalyzed by phospholipase [9013-93-8] DM from Nocardiosis or Actinomyces. Thus, 400 mg β - γ -dihexadecyl-L- α -lecithin [36314-47-3] was emulsified in 1 mL ether and 10 mL H₂O. Then, 2 mL emulsion was mixed with 2 mL pH 5.7 0.4M acetate buffer, 1 mL 0.1M CaCl₂, 2 mL 10% solution of thiamin [59-43-8] HCl in ether, and 2 mL aqueous solution of phospholipase DM (2.5 units/mL) and let stand at 37° for 3 h. The yield of the thiamin derivative of 1,2-dihexadecyl-sn-glycerol 3-phosphoric acid [94475-74-8] was 30 mg.

IT 94456-72-1P 94456-73-2P
 RL: BMF (Bioindustrial manufacture); BIOL (Biological study); PREP (Preparation)
 (manufacture of, from lecithin and alc., enzymic)

RN 94456-72-1 CAPLUS
 CN Phosphoric acid, mono[2,3-bis(hexadecyloxy)propyl] monocyclohexyl ester, (R)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



RN 94456-73-2 CAPLUS

CN Phosphoric acid, mono[2,3-bis(hexadecyloxy)propyl] mono(4-hydroxycyclohexyl) ester, (R)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

